AV SERIES
SECURITY PUSHBUTTON SWITCHES

C

SPECIFICATIONS

Contact ratings: 2 A at 48 VDC max. (resistive load)
Initial contact resistance: 10 milliohms max. at 1 A, 2 V
Insulation resistance: 1000 megohms min. at 500 VDC
Dielectric strength: 3000 V rms min. between terms. & frame and between terminals
Electrical life: 10,000 cycles min. at full load
Mechanical life: 1,000,000 cycles min.
Operating temperature range: -20°C to +55°C
Solder heat resistance: 300°C max. for 5 seconds
Washing not recommended

FEATURES

- **.755" (19 mm) dia. and .866" (22 mm) dia. models.**
- **Single pole NO momentary action.**
- **Standard - sealing protection per IP547 or IP549.**
- **Optional - sealing protection per IP657 or IP659.**
- **Extremely rugged and durable.**

MATERIALS

Contacts & terminals: Silver plated brass
Bushing & Actuator: Nickel plated brass (std'd)
Case: PBT **Hex. Mounting Nut**: Nickel plated brass

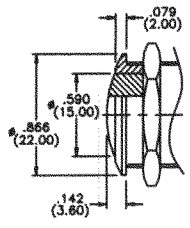
ORDER FORMAT: For complete model no., fill in 2 empty boxes with selected options shown below. Example of complete model no. - **AV191003C900**

Series	Bush./Act. Config.	Body Style	Function	Cont.Matl.	Term.Type	Bush./Act. Matl.	Sealing
AV		100	3	C	9	00	
	09						**Blank**
	19						**E**
	9P						**K**
	9B						

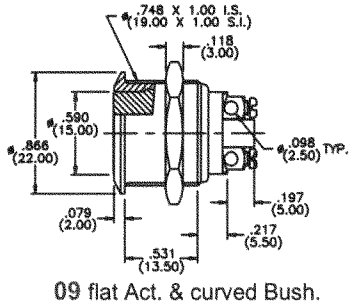
Other Bushing/Actuator materials available - flat thermoplastic Actuators available - Actuator marking available - consult factory.

19mm

Bushing/Actuator configurations

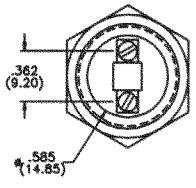


19 curved Act. & Bush.



09 flat Act. & curved Bush.

Screw terminals

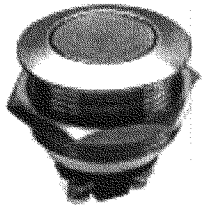


Rear view all models

9B curved Act. & Bush. with knurled nut for closer matrix mtg.

9P flat Act. & curved Bush. with knurled nut for closer matrix mtg.

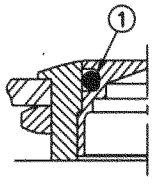
Min. dimensions for matrix mtg. for options **9B** & **9P**: .984"(25mm) x .984"(25mm). Order wrench p/n U1929 for knurled nut.



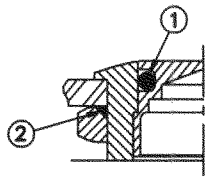
AV191003C900 (Model shown)

Blank - no sealing (std'd)

E (1) Internal seal meets IP65



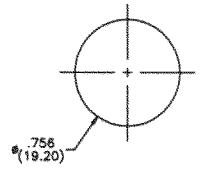
K (1) Internal seal & (2) front panel seals meet IP65



Sealing

Schematic

Min. dimensions for matrix mounting: .984" (25mm) x .984" (25mm).



Mounting Hole

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.